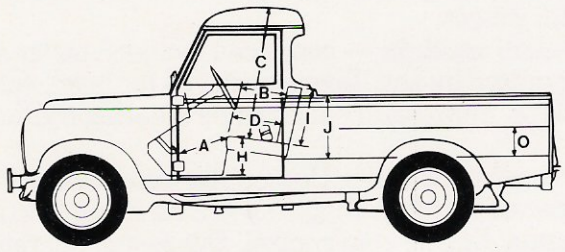
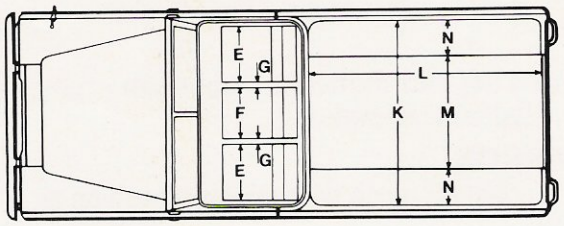
PORT DARWIN MOTORS PTY. LIMITED
STUART HIGHWAY. DARWIN. PHONE 81944

SPECIFICATIONS.

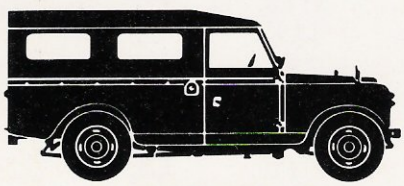
Land Rover 109 Wheelbase, series III.

NOMINAL CHASSIS DIMENSIONS

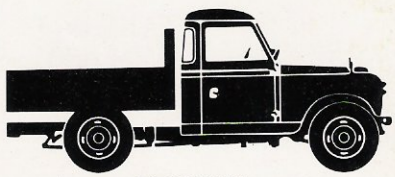




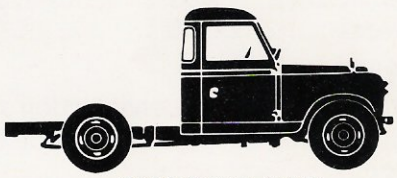
		mm	ins.			mm	ins.
	Wheelbase	2768	109.00	E	Width of front cushion	460	18.00
	Track	1334	52.50	F	Width of front centre cushion	380	15.00
	Overall length	4445	175.00	G	Width between front seats	25	1.00
	Overall width (over hinges)	1680	66.00	H	Top of front cushion to floor	380	14.50
	Overall height of cab	2006	75.50	I	Front squab height	540	17.00
	Overall height with hood	1980	78.00	J	Height of body sides	495	19.50
	Ground clearance	209	8.25	K	Width of body interior	444	56.87
A	Front cushion to accelerator pedal	468	17.25	L	Length of body interior	1850	72.75
B	Front squab to steering wheel	350	14.50	M	Interior body width between wheel boxes	920	36.25
C	Headroom front seat (uncomp.)	991	39.00	N	Width of wheel boxes	254	10.00
D	Front to rear of front cushion	420	16.00	O	Height of wheel boxes	229	9.00



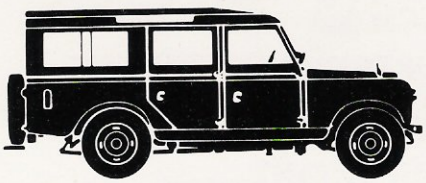
HARDTOP



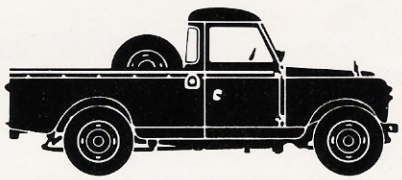
TRUCK



CHASSIS CAB



STATION WAGON



UTILITY

ENGINES
2.25 PETROL
No of cylinders — 4
Bore — 90.47 mm
Stroke — 88.9 mm
Capacity — 2,286 c.c.
Compression ratio — 8:1
Max B.H.P. (Din) — 52 kW @ 4000 R.P.M.
Max torque (Din) — 159 Nm @ 2000 R.P.M.

2.25 DIESEL
No of cylinders — 4
Bore — 90.47 mm
Stroke — 88.9 mm
Capacity — 2,286 c.c.
Compression ratio — 23:1
Max B.H.P. (Din) — 42 kW @ 4000 R.P.M.
Max torque (Din) — 137 Nm @ 1800 R.P.M.

LUBRICATION SYSTEM
Pressurised by submerged gear type pump. Gauze pump-intake filter in sump plus external A.C. Delco, full flow filter.
Sump capacity — 6.8 litres

Land Rover 109 Wheelbase, series III.

COOLING SYSTEM
Pressurised with pump, fan and thermostat.

FUEL SYSTEM
2.25 Petrol — Zenith down-draught type carburettor 361VE. A.C.-Delco mechanical pump with sediment bowl and priming lever.
2.25 Diesel — C.A.V., D.P.A. distributor type injector pump (self governing) A.C. Delco high pressure mechanical pump with hand primer. C.A.V. Pintaux injectors.

CLUTCH
Single dry plate 241 mm diameter. Diaphragm spring type. Hydraulic operation.

MAIN GEARBOX
Single helical constant mesh with synchromesh on all forward gears.

TRANSFER GEARBOX
Two speed reduction on main gearbox output. Two/four wheel drive control on transfer box output.

PROPELLER SHAFTS
Open type 50mm diameter.

AXLES
Front — Spiral bevel: floating shafts. Ratio: 4.7:1.
Rear — Hypoid bevel: floating shafts. Ratio 4.7:1.

OVERALL RATIOS (FINAL DRIVE)

	High transfer	Low transfer
Top	5.40:1	11.10:1
Third	8.05:1	16.50:1
Second	12.00:1	24.60:1
First	19.88:1	41.24:1
Reverse	21.66:1	42.93:1

FRAME
Welded twin channel construction side members with fabricated box section cross members, black enamel dipped.
Channel section galvanised front bumper.

SUSPENSION
Semi-elliptic, underslung road springs. Hydraulic double acting telescopic shock absorbers.

STEERING
Recirculating ball, worm and nut. 432 mm diameter steering wheel. No. of turns lock to lock – 3½.

BRAKES
Footbrake — Hydraulic drum brakes 279.4 mm dia. drums, servo assist., dual line system.
Hand brake — mechanical, internal expanding drum brake on transfer box output.

WHEELS AND TYRES
Ventilated disc wheels. Size: 5.50F x 16 in.
Standard tyre and tube size: 7.50 x 16 in.
Standard tread: dual purpose (road and cross country)
Special purpose tyres are available as optional extras.

ELECTRICAL SYSTEM
Negative earth, 12 volt.
Battery — Petrol models: 68 A.H.
— Diesel models: 95 A.H.
Alternator — 15 A.C.R.
Windscreen wipers — dual arm, electric washers.
Horn — windtone horn push on steering column stalk.
Heater/demister — fresh air type.

INSTRUMENTS & CONTROLS
Large diameter speedometer with total km recorder, incorporating oil pressure, headlamps main beam and cold start warning lights. Fuel and water temperature gauges combined with charging warning light. Panel lights illuminate speedometer, water temperature and fuel gauges.
Petrol models — combined ignition/starter switch operated by key. Toggle switches for head, side and tail lamps. Dip switch operated by steering column control stalk.
Diesel models — Heater/starter/auxiliary switch operated by key. Toggle switch for head, side and tail lamps. Engine stop control. Dip switch operated by steering column control stalk.

LIGHTING
Head lamps. Side lamps. Tail lamps — twin units having double filament stop/tail bulbs. Number plate illumination. Reversing lamps.

BODY
All body panels are non-corrosive light alloy, and all external steel fittings are galvanised.

POWER TAKE-OFF POINTS
Central and rear power take-off drives available as optional extras.

CARRYING CAPACITY

	Petrol Models			
	HT	**UTE**	**CC**	**SW**
TARE (kg)	1570	1520	—	1740
GVM (kg)	2760	2760	2760	2760
GCM (kg)	6750	6750	6750	6750

	Diesel Models		
	HT	**UTE**	**CC**
TARE (kg)	1590	1540	—
GVM (kg)	2760	2760	2760
GCM (kg)	5800	5800	5800

OPTIONAL EQUIPMENT
A wide range of optional equipment is available for all models.

IMPORTANT
The specification of this model is correct at March, 1981, but as development is a continuing process, please check details with your dealer.
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LAND ROVER